

## Cable connector - M23-12S1N8A80DU - 1629212

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Cable connector, M23 PRO, straight, shielded: yes, Screw locking, M23, No. of pos.: 12, type of contact: Socket, Crimp connection, cable diameter range: 3 mm ... 15 mm

### Your advantages

- ✓ Solutions with cross-manufacturer compatibility for standard and fast locking systems
- ✓ Reliable under the harshest conditions: cable connectors with vibration brake
- ✓ Modern, consistent design for highly convenient operation
- ✓ Easy, cost-effective cable assembly: uniform shielding of M17 to M40

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 618456
GTIN	4055626618456
Weight per Piece (excluding packing)	97.750 g
Custom tariff number	85366990
Country of origin	Germany
Note	Made to Order (non-returnable)

### Technical data

#### Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C
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#### Data of the insulating body

Note	Order information: Order crimp contacts Ø 1 mm separately
Coding	N
Insulator material	PA 6.6
Contact connection method	Crimp connection
Type of contacts	Socket
Application	Signal

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### Technical data

#### Data of the insulating body

Number of positions	12
Direction of rotation	Standard
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.08 mm <sup>2</sup>
Litz wire cross section of signal contacts max.	1 mm <sup>2</sup>
Nominal current per signal contact	8 A
Additional text	for max. connection cross section
Rated voltage of signal contact	150 V
Rated surge voltage	2.5 kV
Overvoltage category	III
Degree of pollution	3
Additional text	for max. connection cross section

#### Housing data

Housing material	GD-Zn
Type of locking	Screw locking
Degree of protection (when plugged in)	IP66 / IP68 (2 m / 24 h)
Thread type	M23

#### Cable seal data

Cable diameter	3 mm ... 15 mm (Universal gasket)
Sealing material	FKM

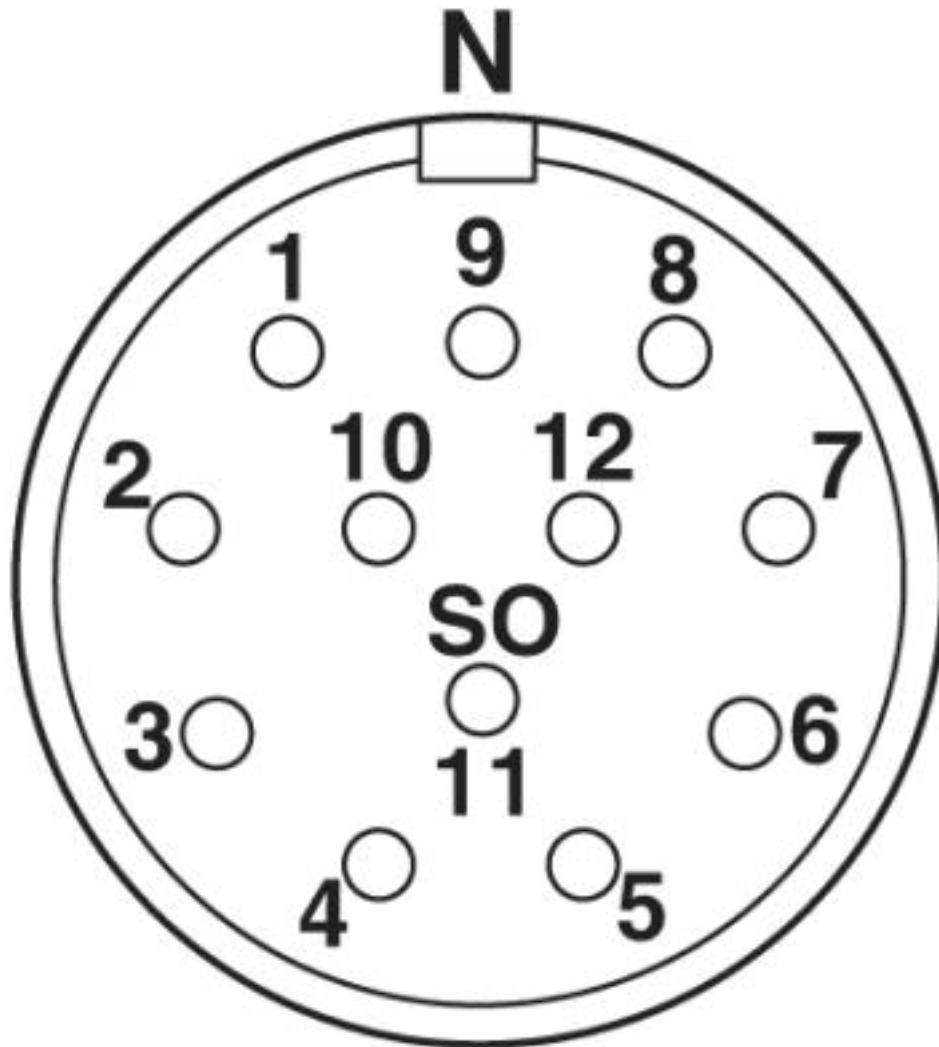
#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

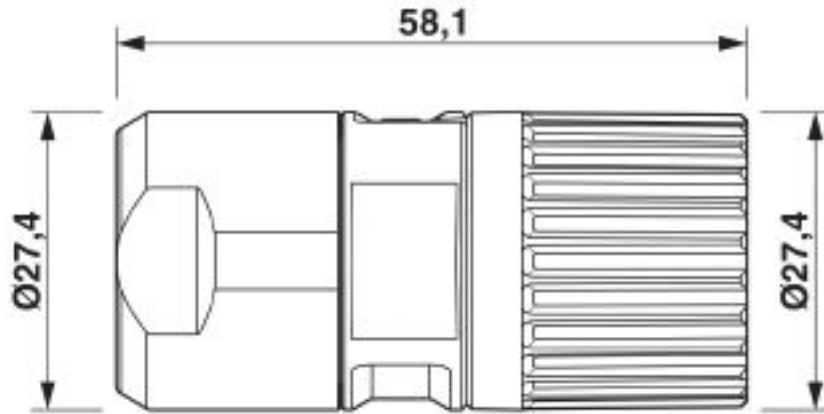
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Schematic diagram



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Dimensional drawing



Technical drawings can be found under Downloads

## Classifications

eCl@ss

eCl@ss 8.0	27440102
eCl@ss 9.0	27440103

ETIM

ETIM 5.0	EC002635
ETIM 6.0	EC002061

## Accessories

Accessories

Crimp contact

Crimp contact - RC-12S2000 - 1599600



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.14 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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### Accessories

Crimp contact - RC-11S2000 - 1596772



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.08 mm<sup>2</sup> ... 0.22 mm<sup>2</sup>

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Crimp contact - RC-1KS2000 - 1602998



Crimp contact, turned, Single contact, contact diameter: 1 mm, crimp range: 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup>

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Crimp contact - RC-22S2000 - 1603327



Crimp contact, rolled, Single contact, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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Crimp contact - RC-22S2300 - 1603330



Crimp contact, rolled, Taped articles, number of pieces per reel: 500, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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Crimp contact - RC-22S2400 - 1603332



Crimp contact, rolled, number of pieces per reel: 10000, contact diameter: 1 mm, crimp range: 0.22 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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### Mounting material

## Cable connector - M23-12S1N8A80DU - 1629212

### Accessories

Torque screwdriver - SF-Z0028 - 1607456



Torque screwdriver

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Special wrench - RF-Z0007 - 1614347



Special wrench

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Hook wrench - SF-Z0027 - 1607455



Hook wrench

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